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PTO/SB/96 (6-95) Approved for use divough 09/30/2000, OMB 0651-0031
Pricent and Trougrant Office; U.S. DEPARTMENT OF COMMERC'S

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner. KUO, Wen-Yi Filed/Issue Date: November 11, 2003 Application No./Patent No.: 10/705,358 ADAPTIVE CHANNEL ESTIMATION USING CONTINUOUS PILOT SIGNAL BASED ON DOPPLER Entitled: **PERIOD** CORPORATION INTEL CORPORATION (Name of Assignee) (Type of Assigned, e.g., corporation, partnership, university, government agondy, etc.) States that it is: 1. A the assignee of the entire right, title, and interest; or an assignce of an undivided part interest in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the . Traine , or for which a copy thereof is attached. Patent and Trademark Office at Ree! OR. B. 🔀 A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignes as shown below: To: WISOM TECHNOLOGIES, INC. KUO, Wen-Yi 1. From: The document was recorded in the Patent and Trademark Office at 011829 , Frame 0948 , for which a copy thereof is attached. WISOM TECHNOLOGIES, INC. To: INTEL CORPORATION The document was recorded in the Patent and Trademark Office at . Frame 0477 , for which a copy thereof is attached. 3. From: To: The document was recorded in the Patent and Trudemark Office at - Frame , or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental shoot. 🔀 Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. Seg MPEP 302-302.8] The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee. Title

Burden Hour Sentement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the actional of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Officer, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patente, Washington, DC 20231,

TOTAL P.05

NO. 439 P. 4/8

Attorney Docket No.: P-9545-US1

Appendix A

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These attorneys and agents are associated with Customer Number 49444.

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Robert D. Anderson, Reg. No. 33,826; Shireen I. Bacon, Reg. No. 40,494; Michael R. Barre, Reg. No. 44,023; George Chen, Reg. No. 50,807; Robert Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Rahul D. Engineer, Reg. No. 47,548; Cynthia Thomas Faatz, Reg. No. 39,973; Matthew C. Fagan, Reg. No. 37,542; James S. Firm, Reg. No. 38,450; Caroline M. Fleming, Reg. No. 45,566; Sanjay S. Gadkari, Reg. No. 55,796; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; David Guglielmi, Reg. No. 55,229; Julia A. Hodge, Reg. No. 46,775; Libby H. Hope, Reg. No. 46,774; Lalch Jalali, Reg. No. 40,031; Thomas R. Lane, Reg. No. 42,781; David McAbee, Reg. No. 58,104; Molly A. McCall, Reg. No. 46,126; Erik M. Metzger, Reg. No. 53,320; Larry Mennemeier, Reg. No. 51,003; Kenneth A. Nelson, Reg. No. 48,677; Michael J. Nesheiwat, Reg. No. 47,819; Erik R. Nordstrom, PAGE 1/5*RCVD AT 6/14/2007 5:31:19 AM [Eastern Daylight Time]* SVR:USPTO-EFXRF-5/10*DNIS:2738300* CSID:6464175511* DURATION (mm-ss):02-04

4648-108 us

ASSIGNMENT

WHEREAS, Wen-Yi Kuo as assignor has invented certain improvements in ADAPTIVE CHANNEL ESTIMATION USING CONTINUOUS PILOT SIGNAL BASED DOPPLER PERIOD and whereas Wiscom Technologies, 100 Walnut Ave, Suite 202, Clark, NJ 07066, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefore.

NOW, THEREFORE, in consideration of One Dollar(s) (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged. I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for a Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefore in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for them and their legal representatives. heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain natent protection PAGE 3/5 * RCVD AT 6/14/2007 5:31:19 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/10 * DNIS:2738300 * CSID:6464175511 * DURATION (mm-ss):02-04a

EXHIBIT B

Assignment of Patent Rights

Whereas, Wiscom Technologies, Inc., a Delaware corporation (hereinafter SELLER) is the sole and exclusive owner of certain United States and/or foreign patents and/or patent applications listed in Exhibit A annexed hereto (collectively referred to as the "Patents"); and

Whereas Intel Corporation, a Delaware corporation, with an office at 2200 Mission. College Blvd., California 95052, (hereinafter INTEL) is desirous of acquiring the right, title and interest in, to and under the said Patents (and all foreign counterparts and related foreign patents).

Now, Therefore,

For good and valuable consideration, the receipt of which is hereby acknowledged, SELLER does hereby sell, assign, transfer and set over to INTEL, the Patents aforesaid, and any inventions claimed in said Patent, any reissue or reissues of said Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted the same to be held and enjoyed by INTEL for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by SELLER, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said Patents, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

And, SELLER, hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States on said inventions to INTEL as assignee of the entire interest, and hereby covenants that SELLER has full right to convey the entire interest herein assigned, and that, except as otherwise provided between the parties, SELLER has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, the parties, by their duly authorized representatives, have executed this Assignment.

DATE: November 18., 2002

By:

Ted Chang

Title:

Acting Secretar